

STEREO MOC Status Report
Time Period: 2009:341 - 2009:347

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 344, during the DSS 55 support, turbo decoder lock was lost intermittently from 1105z through 1235z. This resulted in the loss of 30 SSR SECCHI telemetry frames. See DR# M105560 for more information.
- On day 346, during the DSS 55 support, turbo decoder lock was lost intermittently from 1124z through 1233z. This resulted in the loss of 100 SSR SECCHI telemetry frames. See DR# M105564 for more information.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 6.4 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 342, during the DSS 55 support, turbo decoder lock was lost intermittently from 1930z through 1932z. This resulted in the loss of 22 SSR telemetry frames, which affected IMPACT and SECCHI data.
- On day 343, during the DSS 55 support, turbo decoder lock was lost intermittently again from 1830z through 1930z. This resulted in the loss of 80 SSR telemetry frames, which affected all instruments data.
- On day 344, during the DSS 55 support, turbo decoder lock was lost intermittently from 1425z through 1612z. This resulted in the loss of 230 SSR telemetry frames, which affected all instruments data. See DR# M105561 for more information.
- On day 346, during the DSS 55 support, turbo decoder lock was lost intermittently from 1355z through 1949z. This resulted in the loss of 746 SSR telemetry frames, which

affected all instruments data. See DR# M105565 for more information.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 342, began routine use of the 240 kbps downlink rate.
- On day 343, the MOps permanent macro release 1.1.1 and Data Handling tables release 1.1.1 were loaded to C&DH EEPROM and RAM to support the new downlink rates 240 and 120 kbps for the extended science requirements.
- The average daily SSR playback volume for Behind was 5.3 Gbits during this week.